|  |  |  |
| --- | --- | --- |
| Minutes | R&D LOBI  2014-02-26 | Thomas Sieber |
| Present: | V. Lavrik, B. Zwicker, A. Reiter, P. Boutachkov, Y. Shutko, A. Lieberwirth, T. Sieber, F. Kurian | |
| Copies to: | M. Almalki, C. Andre, P. Boutachkov, O. Chorniy, P. Forck, T. Giacomini, E. Gütlich, R. Haseitl, P. Kowina, F. Kurian, J. Latzko, V. Lavrik, S. Lederer, A. Lieberwirth, T. Reichert, A. Reiter, M. Schwickert, Y. Shutko, T. Sieber, R. Singh, E.Soliman, B. Walasek-Höhne, M. Witthaus, B. Zwicker | |
| Web-Link: | [/dokuwiki/doku.php?id=fair-rnd:weekly-meeting](http://www-bd.gsi.de/dokuwiki/doku.php?id=fair-rnd:weekly-meeting:overview) | |

## Important Dates and Deadlines

**Travel:** Eiko and Mohammed: Uni-Frankfurt Winterseminar 24th to 28th Feb.

Peter: JUAS 24th to 27th Feb.

**Annual Reports:**

Mohammed: -> OK received.

Benjamin: OK from W. Barth received, report submitted

## General Remarks and Reports

Rainer has proposed to save large amounts of experimental data on a central GSI data server, this would have several advantages (accessibility, backups etc.). Rahul has volunteered to take care for this, so anyone who is interested, please contact him.

## Beam Time

Mohammed checked the data he took from HLI pickups and tanks, the 7.5 MHz oscillation of the bunches zero-crossing could be reproduced (in most cases) but there was no obvious correlation with the tank signals.

Febin has arranged now for an additional test of the CCC electronics from 10. to 13.03. AR pointed out, that this should: a. be communicated to Uwe Scheeler, to at least get a message if something comes in between, b. discussed with radiation protection, to make sure that access, helium filling and work is possible, especially for visitors from Jena.

Alvarez tank3 is back at the nominal power level for Uranium. The SIS settings had to be modified because of mechanical deformation of parts of the ring, this work is progressing, currently (Mittagssitzung) beam is extracted at rigidity 16Tm (800MeV). During the night there were some problems with the Uranium source, which limit the number of available cathodes (max. 5) and put some restrictions on the repetition rate (max. 1 Hz).

The beam times on 25. and 26. were influenced by the above mentioned problems. On 26. a Fe bream was delivered to HTP. A. Reiter wrote a short summary of the first beam tests, which is attached to theses minutes.

Some planning was done for the upcoming beamtimes on 6. and 7. of March. Besides the measurements which are officially scheduled, all setups shall be tested during these four shifts. Reason: in case it turns out that some manipulation on the hardware (inside HTP) is necessary, there will be access to HTP from 10. to 13.03.

Operator during startup on 06.03. is W. Kaufmann

Alice is prepared to take beam. Yulia is working on the timing scheme for the BIF.

## Experimental Areas

**X2:** No news.

**HTP**: Alice pointed out that there will be **NO EMERGENCY LIGHT**, from 21.03. to 26.03. (anyone found out himself already?) and from 05.03. to 10.03.

P. Boutachkov reminded that the detectors for the beam loss monitors in NE-08 are under **HIGH VOLTAGE**, so they should not be touched during any work. A picture of the detectors is attached to the minutes.

A second training for the vacuum controls was given by T. Sieber to A Reiter and P. Boutachkov.

## Personal topics

Rahul will give another presentation of his defense talk, either this Friday or next Monday.

**Next Meeting:** Wednesday, March 12th, 3 p.m at the Therapie-Besperechungszimmer by Peter, next week no meeting Wednesday because of to Rahuls defense.